Afloat Respiratory Protection: Protection or Ne

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PRESINSURV

- Designated by CNO to assess Material Condition of the U.S. Naval Fleet.
- Designation by CNO to be the sole and independent inspection group of NAVOSH and Environmental administrative programs.

Respiratory Protection Assessment

- IH Survey review.
  - Job operations.
  - Prescribing correct respirator and cartridge.
  - Review breathing zone assessments.

Respirators

- Bases of determining proper respirator.
  - Protection factors.
  - Stressors concentration.

- With no exposure assessment.
  - Concentration might exceed protection factor.
  - Respirator might not be required.

RPPMs Determining Factor

- IH Survey.
- Workcenter supervisor said so.
- MSDS.
- 1/3 Rule of Thumb.

Fleet RPPM Philosophies

- 1/3 Rule of Thumb.
  - Not based on exposure assessment.
  - Belief that more equates to safer work environment.
  - Most are graduates from formal training.

SHIP TYPE	NUMBER OF SHIPS IN CLASS	NUMBER OF PERSONNEL PER SHIP	1/3 OF SHIPS CREW	TOTAL PERSONNEL IN RPP
CVN	13	5500	1832	23816
DDG	39	355	118	4602
FFG	35	210	70	2450
CG	27	380	127	3429
DD	22	340	113	2486
AGF	2	387	129	258
AOE	7	600	200	1400
ARS	4	86	29	116
AS	2	1158	386	772
MCM	14	50	16	224
MHC	12	50	16	192
LHA	5	731	243	1215
LHD	7	1077	359	2513
LPD	11	490	163	1793
LSD	12	397	132	1584
LCC	2	720	240	480
LST	1	223	74	74
TOTAL	**215**	**12754**	**4247**	**47404**

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5.3 MILLION DOLLARS

A New Management Philosophy

- “One size fits all.”
  - Respirator and cartridge for everything.
  - Incorrect and violates standard.
  - CBA
    - $1.90 to $36.45

Root Cause

- Lack of generalizability.
- Inappropriate prescription for respirators.
- Failure to control for hazards.

Recommendations

- Quantitative analysis within 1 year.
  - Stressor concentration.
  - Rationale for respiratory selection.
- Previous sample generalization.
  - Discussion on samples.
  - Explain the “link”.
- INSURV reports findings to the local MTF.

SEA POWER 21

- CNO’s vision of tomorrow’s Navy.
- Sea Enterprise
  - “More efficient methods while saving resources”.
  - “Assess risk versus the requirement”
- Management decisions in respiratory protection.

Purpose

- Inform health professionals on the status of the Afloat Respiratory Protection Program.
- Remind health professionals of our duty!